

### Product type designation

Product description

### MM992-2VD (RJ45)

XR-300 media module

SCALANCE X accessory; Media module MM992-2VD; 2x 10/100/1000 Mbit/s RJ45 ports, electrical; with securing collar variable distance;



Suitability for use

Ethernet communication via two wire cable

Suitability for operation

SCALANCE X308-2M, XR324-12M, S627-2M

### Interfaces

Number of electrical connections

- for network components or terminal equipment / maximum

2

Number of 10/100/1000 Mbit/s RJ45 ports

2

Type of electrical connection

- for network components or terminal equipment

RJ45

Operating mode

- Standard Ethernet
- VD

Yes

Yes

Wire length

- for Standard Ethernet mode / maximum
- of IE FC Standard Cable GP 4x2, AWG24, Cat6
- at 100 Mbit/s / for VD mode / maximum

100 m

500 m

<ul style="list-style-type: none"> <li>• of IE FC Standard Cable GP 2x2, AWG22, Cat5e <ul style="list-style-type: none"> <li>— at 10 Mbit/s / for VD mode / maximum</li> <li>— at 100 Mbit/s / for VD mode / maximum</li> </ul> </li> <li>• of PB FC Standard Cable GP <ul style="list-style-type: none"> <li>— at 10 Mbit/s / for VD mode / maximum</li> <li>— at 100 Mbit/s / for VD mode / maximum</li> </ul> </li> </ul>	500 m 300 m  1000 m 100 m
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### Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> <li>• during transport</li> </ul>	-40 ... +70 °C -40 ... +85 °C -40 ... +85 °C
Relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
Protection class IP	IP20

### Design, dimensions and weights

Design	Media module with retaining collar
Width	60 mm
Height	22 mm
Depth	100 mm
Net weight	0.08 kg
Mounting type	latched
<ul style="list-style-type: none"> <li>• Installation in media module slot</li> </ul>	Yes

### Standards, specifications, approvals

Standard	
<ul style="list-style-type: none"> <li>• for FM</li> <li>• for hazardous zone</li> <li>• for safety / from CSA and UL</li> <li>• for hazardous zone / from CSA and UL</li> <li>• for emitted interference</li> <li>• for interference immunity</li> </ul>	FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4 EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X UL 60950-1, CSA C22.2 No. 60950-1 UL 1604 and UL 2279-15 (Hazardous Location), CSA C22.2 No. 213-M1987, Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4 EN 61000-6-4:2007 (Class A) EN 61000-6-2:2005
Certificate of suitability	EN 61000-6-2:2005, EN 61000-6-4:2007
<ul style="list-style-type: none"> <li>• CE marking</li> <li>• C-Tick</li> <li>• KC approval</li> </ul>	Yes Yes Yes
Marine classification association	
<ul style="list-style-type: none"> <li>• Bureau Veritas (BV)</li> </ul>	Yes
MTBF	250 y

Internet-Link

- to website: Selector SIMATIC NET SELECTION TOOL <http://www.siemens.com/snst>
- to website: Industrial communication <http://www.siemens.com/simatic-net>
- to website: Industry Mall <https://mall.industry.siemens.com>
- to website: Information and Download Center <http://www.siemens.com/industry/infocenter>
- to website: Image database <http://automation.siemens.com/bilddb>
- to website: CAx Download Manager <http://www.siemens.com/cax>
- to website: Industry Online Support <https://support.industry.siemens.com>

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